



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/645,468	08/21/2003	David Donald Haynes	DCS 8705US	7998
1688	7590	08/15/2006	EXAMINER	
POLSTER, LIEDER, WOODRUFF & LUCCHESI 12412 POWERS COURT DRIVE SUITE 200 ST. LOUIS, MO 63131-3615			LAY, MICHELLE K	
			ART UNIT	PAPER NUMBER
			2628	

DATE MAILED: 08/15/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary	Application No. 10/645,468	Applicant(s) HAYNES, DAVID DONALD	
	Examiner Michelle K. Lay	Art Unit 2628	

All participants (applicant, applicant's representative, PTO personnel):

(1) Michelle K. Lay.

(3) David Haynes.

(2) Kee Tung.

(4) Joseph Muller, Brian Gill.

Date of Interview: 08 August 2006.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: _____.

Claim(s) discussed: 1.


Identification of prior art discussed: Wobben (20040021687 A1).

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.


KEE M. TUNG
SUPERVISORY PATENT EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant made note of interview with Blake Betz (filed 08/23/2005) where amendment to claims had been discussed to try to put application in conditions for allowance. However, the interview summary provided fails to provide information on such amendments. Inventor provided a brief overview of invention, stating the electrical distribution network is interchangeable with power lines. Furthermore, the invention uses these power lines/electrical lines as also communication lines to provide feedback of the network. Additionally, the invention can be used as a quality of service where (as an example) the system can detect problems before they happen (e.g. tree brushing up against a power line). In regards to the term "line segment", Applicant argued that Wobben fails to teach line segments. Instead, Wobben teaches monitoring the overall network. However, Examiner questioned the definition of line segment. Applicant pointed to Fig. 1B of the application for explanation. Examiner responded that from one hub to another hub can be considered a line segment. No agreement was reached.



PATENT EXAMINER



UNITED STATES DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
---------------------------------	-------------	---	---------------------

10-645-648

EXAMINER

ART UNIT	PAPER
----------	-------

20060809

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents